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Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 18202-018001 / 1082	Application No. 10/080,503
List of Patents and Publications for Applicant's Information Disclosure Statement (37 CFR §1.98(b))		Applicant Lin Zhi et al.	
		Filing Date February 22, 2002	Group Art Unit 1623

U.S. Patent Documents

Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
<i>ghe</i>	AA	2002/0183346	12/05/02	Zhi et al.	514	291	02/22/02
	AB	3,919,238	11/11/75	Spencer et al.	260	288	06/06/73
	AC	5,576,324	11/19/96	Kyotani et al.	514	291	10/27/94
	AD	5,696,130	12/09/97	Jones et al.	514	291	06/05/95
	AE	6,017,924	01/25/00	Edwards et al.	514	292	08/12/99
<i>ghe</i>	AF	6,180,794	01/30/01	Edwards et al.	546	152	10/15/99

Foreign Patent Documents or Published Foreign Patent Applications

Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No
<i>ghe</i>	AG	0 638 571	04/28/93	EP, A1	—	—		
	AH	00/12502	03/09/00	PCT	—	—		
	AI	02/066475	08/29/02	PCT	—	—		
	AJ	02/068427	09/06/02	PCT	—	—		
	AK	24 27 409	01/09/75	DE (DT), A1	—	—		X*
	AL	50-25595	03/18/75	JP	—	—		X*
<i>ghe</i>	AM	96/19458	06/27/96	PCT	—	—		

X* = An English language abstract or equivalent is provided.

Other Documents (include Author, Title, Date, and Place of Publication)

Examiner Initial	Desig. ID	Document
<i>ghe</i>	AN	Bolognese et al., "Photochemistry of Ommochrome Pigments," J. Heterocyclic Chem. 25: 1243-1246 (1988)
	AO	Bolognese et al., "Oxidation of 3-Hydroxykynurenine. A Reexamination," J. Heterocyclic Chem. 25: 1247-1250 (1988)
	AP	Bolognese et al., "Photochemistry of Ommochromes and Related Compounds," J. Heterocyclic Chem. 25: 979-983 (1988)
	AQ	Boyer, M., "The management of prostate cancer," Aust. Prescr. 19:22-24 (1996) http://www.australianprescriber.com/magazines/vol19no1/ap19-1-11.htm (accessed on 01/28/2005)
	AR	Bush et al., "Sample-distance Partial Least Squares: PLS optimized for many variables, with application to CoMFA," Journal of Computer-Aided Molecular Design 7(5): 587-619 (1993)
<i>ghe</i>	AS	Castillo, P. and J.C. Rodriguez-Ubis, "A high-yield method for the methylenation of o-dihydroxyaromatic compounds: synthesis of methylenedioxy coumarins," Synthesis pp. 839-840 (1986)

Examiner Signature

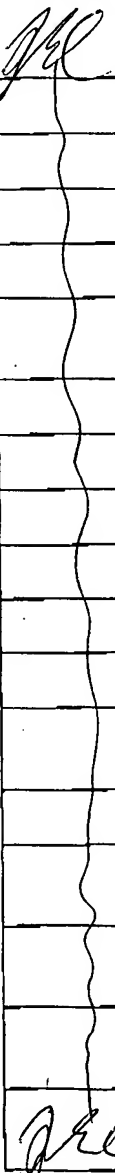
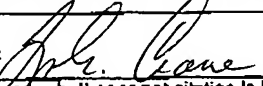
L. E. Crane

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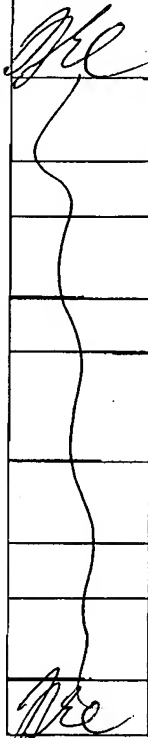
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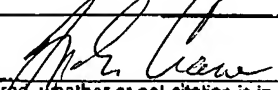
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Other Documents (Include Author, Title, Date, and Place of Publication)					
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	AT	Chemical Abstracts vol. 54, no.8821, (1960) Mustafa et al., "Photochemical reaction in sunlight. Experiments with benzo[k]quinoline-5,6-quinone, monoamine and monoxmine derivatives in sunlight and in dark," J. A. Chem. Soc. 81:3409-3413 (1959)			
	AU	Chemical Abstracts vol. 83, no.179036, page 577 (1975) JP 50-25595 published 03/18/75, entitled "9-Halothiazoloquinolines"			
	AV	Claman et al., "SOGC clinical practice guidelines. Hirsutism: evaluation and treatment," J Obstet Gynaecol Can. 24(1):62-7 (2002)			
	AW	Debenedetti et al., "Isopurazol, a coumarin from <i>Pterocaulon virgatum</i> ," Phytochemistry 51: 701-703 (1999)			
	AX	Ishii et al., "Formation of Hydroxanthommatin-Derived Radical in the Oxidation of 3-Hydroxykynurenine," Archives of Biochemistry and Biophysics 294(2): 616-622 (1992)			
	AY	Kalinin et al., "Directed <i>ortho</i> Metalation - Cross Coupling Links. Carbamoyl Rendition of the Baker-Venkatarman Rearrangement. Reiospecific Route to Substituted 4-Hydroxycoumarins," Tetrahedron Letters 39: 4995-4998 (1998)			
	AZ	Kawamori et al., "Effects of heterocyclic amines with mammary gland carcinogenic potential on estrogenic response of uterus in ovariectomized rats," Cancer Letters 162: 31-37 (2001)			
	BA	Lancelot et al., "Pyrido[2,3- <i>h</i>]pyrrolo[1,2- <i>α</i>]quinoxalines," Chem. Pharm. Bull. 31: 3160-3167 (1983) [Article in French, English abstract on first page of article]			
	BB	LaMontagne et al., "Antimalarials. 13. 5-Alkoxy Analogues of 4-Methylprimaquine," J. Med. Chem. 25: 964-968 (1982)			
	BC	McIlroy et al., "Effects of proteinase inhibitors on adenylate cyclase," Biochem J. 188(2): 423-435 (1980)			
	BD	Ohta et al., "Juvenile hormone antagonists," Kagaku to Seibutsu 17(2): 92-94 (1979) [Article in Japanese]			
	BE	Singh et al., "Androgen receptor antagonists (antiandrogens): structure-activity relationships," Curr. Med. Chem. 7(2): 211-247 (2000)			
	BF	Sperry et al., "Farnesol oxidation in insects: evidence that the biosynthesis of insect juvenile hormone is mediated by a specific alcohol oxidase," Insect Biochemistry and Molecular Biology 31(2): 171-178 (2001)			
	BG	STN CAPLUS Abstract Database Accession No. 96:6616 Akhvlediani et al., "Chichibabin reaction in a series of angular pyrroloquinolines," Zhurnal Organicheskoi Khimii 17(7): 1542-1546 (1981)			
	BH	STN CAPLUS Abstract Database Accession No. 74:3531, Chapman et al., "Substitution reactions of thieno [3,2- <i>f</i>]quinoline," Journal of the Chemical Society, Section C: Organic (17): 2334-2339 (1970)			
	BI	STN CAPLUS Abstract Database Accession No. 130:13934, El-Desoky et al., "Synthesis of pyrrolo-thienopyrrolo-, and benzothienopyrroloquinolines as well as of triazoloindole derivatives," Zeitschrift fuer Naturforschung B: Chemical Sciences 53(10): 1216-1222 (1998)			
BJ	STN CAPLUS Abstract Database Accession No. 133:171758, Ferlin et al., "Pyrrolo-quinoline derivatives as potential antineoplastic drugs," Bioorganic & Medicinal Chemistry 8(6): 1415-1422 (2000)				
BK	STN CAPLUS Abstract Database Accession No. 110:75273, Gryaznov et al., "Reactivity of 1H-pyrrolo [2,3- <i>f</i>]-3H-pyrrolo[3,2- <i>f</i>]quinoline and their derivatives," Izvestiya Timiryazevskoi Sel'skokhozyaistvennoi Akademii (3): 185-190 (1988)				
Examiner Signature L. E. Crane 		Date Considered 04/08/2005			
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Examiner Initial	Desig. ID	Document			
	BL	STN CAPLUS Abstract Database Accession No. 128:3621, Majumdar et al., "Studies on amine oxide rearrangements: regioselective synthesis of pyrrolo [3,2-f]quinolin-7-ones," Journal of Chemical Research, Synopses (9): 310-311 (1997)			
	BM	STN CAPLUS Abstract Database Accession No. 73:73505, Saksena et al., "Androgenic, antiandrogenic, and anabolic activity of azasteroids on immature castrated rats," Indian J. Med. Res. 58(4): 513-518 (1970)			
	BN	STN CAPLUS Abstract Database Accession No. 87:5939, SU 548608 published 02/28/77, entitled "Pyrroloquinoline derivatives".			
	BO	STN CAPLUS Abstract Database Accession No. 71:81325, SU 241441 published 04/18/69, entitled "2-Methyl-3-(beta-aminoethyl)-1H-pyrrolo [2,3-b]quinoline or 1-(beta-aminoethyl)-2-methyl-3H-pyrrolo [3,2-f]quinoline."			
	BP	STN CAPLUS Abstract Database Accession No. 99:38395, Yamashkin et al., "Synthesis of pyrroloquinolones," Khimiya Geterotsiklicheskikh Soedinenii (4): 493-497 (1983)			
	BQ	STN CAPLUS Abstract Database Accession No. 131:213835, Yamashkin et al., "Reactivities of 5-, 6-, and 7- (enamino) indoles in the synthesis of pyrroloquinolines," Chemistry of Heterocyclic Compounds (New York) [Translation of Khimiya Geterotsiklicheskikh Soedinenii] 34(9): 1050-1065 (1998)			
	BR	STN CAPLUS Abstract Database Accession No. 56:38406, Yoshikawa et al., "Synthesis of 4,6-diaminoquinoline derivatives. I. Synthesis of pyrrolo [f] quinoline derivatives," Yakugaku Zasshi 81: 1317-1322 (1961)			
	BS	STN CAPLUS Abstract Database Accession No. 92:146650, Yudin et al., "Nitropyrroloquinolines," Khimiya Geterotsiklicheskikh Soedinenii (10): 1381-1385 (1979)			
	BT	Willard et al., "Potential Diuretic-beta-Adrenergic Blocking Agents: Synthesis of 3-[2-[1,1-Dimethylethyl)amino]-1-hydroxyethyl]-1,4-dioxino[2,3-g]quinolines," J.Org. Chem. 46: 3846-3852 (1981)			
	BU	Certified English translation of Japanese Patent Application No. JP 50-25595 entitled "Production method for 9-halogeno thiozolo quinoline materials."			

Examiner Signature L. E. Crane 	Date Considered 04/08/2005
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10/080,503 - PTO-1449 #2

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PAGE 4/8 * RCVD AT 4/5/2005 8:00:55 PM [Eastern Daylight Time] * SVR:USPTO-EFXRF-1/25 * DNIS:2730651 * CSID:1 858 678 5099 * DURATION (mm-ss):03:20

Form PTO-892 U.S. Department of Commerce	Serial Number 10/080,503	Group Art Unit 1623	Attachment to Paper Number 04182005	
Notice of References Cited	APPLICANT(S)			
	Higuchi et al.			

Published U. S. Patent Applications

*		DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	Filing Date If Appropriate

U. S. Patent Documents

*		DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	Filing Date If Appropriate
*	A	4,460,475 A	07/17/84	Hayatsu et al. (I)	210	674.000	
*	B	4,623,638 A	11/18/86	Hayatsu et al. (II)	502	401.000	
*	C	4,777,052 A	10/11/88	Weisberger et al.	426	092.000	
*	D	5,011,697 A	04/30/91	Jones et al.	426	092.000	
*	E	5,179,202 A	01/12/93	Gross	536	120.000	
*	F	6,030,967 A	02/29/00	Mauri et al. (I)	514	215.000	
*	G	6,340,704 B1	01/22/02	Mauri et al. (II)	514	463.000	10/25/99
*	H	4,981,784 A	01/01/91	Evans et al. (I)	435	006.000	
*	I	5,071,773 A	12/10/91	Evans et al. (II)	436	501.000	

@ Cited herein for the first time: images are available for downloading on line at <www.uspto.gov>.

Foreign Patent Documents

*		DOCUMENT NO.	DATE	COUNTRY	NAME	CLASS	SUB- CLASS		
	L	JP 07-013,017 A2	01/17/95	Japan (JPO)	Nippon Kogaku	-----	-----		
	M	JP 03-282,445 A2	12/12/91	Japan (JPO)	Tokuyama Soda	-----	-----		
	N	JP 3,047,434 B2	05/29/00	Japan (JPO)	Tokuyama Soda	-----	-----		

EXAMINER L. E. Crane	DATE 04/18/05	page 1 of 2 ¥:Reference not presently available.
*A copy of this reference is not being furnished with this office action. (See Manual of Patent Examining Procedure, Section 707.05(a).)		

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